



State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

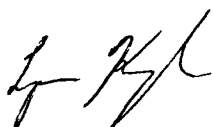
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M/027/007

April 7, 1998

TO: Minerals File

FROM: Lynn Kunzler, Reclamation Specialist 

RE: Site Inspection, Western States Minerals, Drum Mine, M/027/007, Millard County, Utah

Date of Inspection: May 14, 1998  
Time of Inspection: 11:00 am  
Conditions: cloudy and cool  
Participants: Jim Ashton, Gaylon Cropper, WSM; Sheri Wysong, BLM; Lynn Kunzler, DOGM

Purpose of Inspection: Identify and sample potential soil borrow areas for reclamation..

We began the inspection by reviewing locations of potential soil borrow material. Several sites had been identified within and adjacent to the mine area. Borrow areas were prioritized as to which would be most favorable from both proximity to where it would be needed and the amount of additional disturbance that would be needed. After viewing these areas, trenches were dug within potential borrow areas to determine the depth of material available. Several soil samples were also taken to characterize the material from the surface foot and from depths below four feet.

The first area sampled was the pad area east of the shop. This area is about 2 acres in size and has an average of 2.5 feet of available soil material. (Assuming 6 inches of soil cover will be needed, this area will yield sufficient soil to cover 10 acres). The second area was southwest of the ponds and between the dumps. A small topsoil stockpile exists in this area. Again, the area was about 2 acres in size. Trenching showed that over 10 feet of soil material would be available (sufficient to cover 40 acres with 6 inches of material). The third area sampled was between the access road and the heap pad. This area is about 10 acres in size and has an average of 4 feet of material (this would cover 80 acres with 6 inches of material). It appears that there is sufficient material to cover the disturbed area with 6-8 inches of material. It was suggested that this amount, along with 2 tons of manure per acre would probably be sufficient for revegetation success.

cc: Jim Ashton, WSM  
Sheri Wysong, BLM

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